

## Product datasheet for **TA330340**

### TIAL1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TIAL1 antibody: synthetic peptide directed towards the C terminal of human TIAL1. Synthetic peptide located within the following region: WNQQGFGVDQSPSAAWMGGFQAQPPQGQAPPPVIPPPNQAGYGMASYQTQ
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	42 kDa
Gene Name:	TIA1 cytotoxic granule-associated RNA binding protein-like 1
Database Link:	<a href="#">NP_003243</a> <a href="#">Entrez Gene 7073 Human</a> <a href="#">Q01085</a>
Background:	The protein encoded by TIAL1 is a member of a family of RNA-binding proteins and possesses nucleolytic activity against cytotoxic lymphocyte target cells. The gene product is a cytotoxic granule-associated protein and has been shown to bind specifically to poly(A) homopolymers and to fragment DNA in permeabilized target cells. It has been suggested that members of this protein family may be involved in the induction of apoptosis. One isoform contains a lysosome-targeting motif in its C-terminal auxiliary domain; however, alternative splicing results in a T-cluster DNA-binding isoform, differing at the C-terminus where a hydrophobic sequence replaces the lysosome-targeting motif.



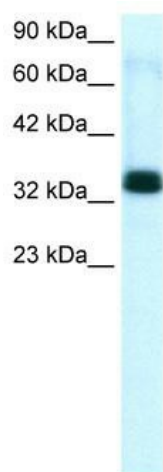
[View online »](#)

**Synonyms:** TCBP; TIAR

**Note:** Immunogen sequence homology: Bovine: 100%; Chicken: 100%; Dog: 100%; Guinea pig: 100%; Horse: 100%; Human: 100%; Pig: 100%; Rabbit: 100%; Mouse: 85%; Rat: 85%; Zebrafish: 76%

**Protein Families:** Druggable Genome, Transcription Factors

**Product images:**



WB Suggested Anti-TIAL1 Antibody Titration: 1.25ug/ml; Positive Control: Jurkat cell lysate TIAL1 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells